

## Patent Abstracts of Japan

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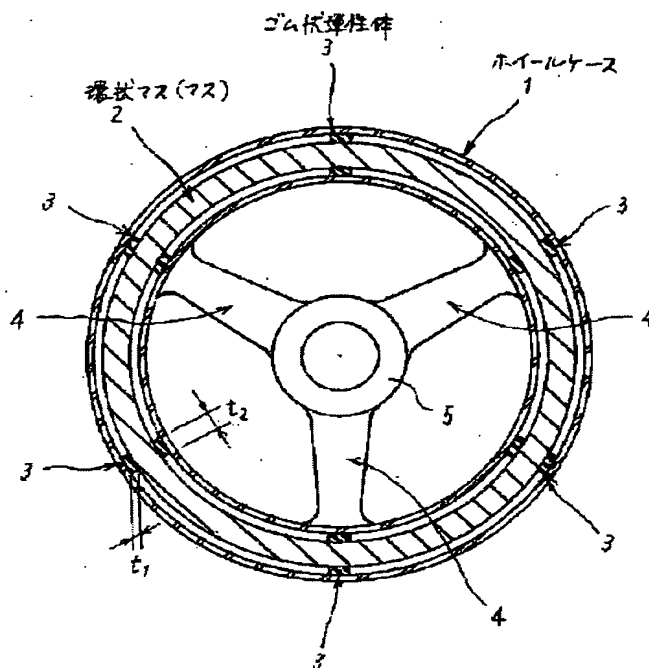
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TITLE : STEERING WHEEL



ABSTRACT : PROBLEM TO BE SOLVED: To reduce vibrations in the rotating direction of a steering wheel at a low cost without influencing the operating easiness.

SOLUTION: A wheel case 1 in a hollow ring shape is fitted with a ring-shaped mass 2 and resilient pieces 3 of rubber, etc., to couple the inside surface of the wheel case 1 resiliently with the mass 2, wherein the mass 2 and resilient piece 3 constitute one spring-mass system. When a vibratory input in the circumferential direction of the steering wheel is made, a dynamic damper mechanism consisting of the spring-mass system makes resonance in the opposite phase to the input vibration, which should exert a vibration controlling function. It may also be accepted that a viscous liquid is encapsulated in the space between the resilient pieces 3, 3 of rubber, etc.

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